LISTING OF CLAIMS

1.   (Cancelled) ~~A computer-implemented method for accessing a wireless mobile device service provider server via a programming-interface-layer, the method comprising:~~

~~encapsulating a function call encapsulation of a function-specific parameter identified a associated with an executable programming interface layer function;~~

~~generating a programming interface function call directed to said executable programming-interface layer function, wherein said programming interface function call includes said function call encapsulation of data; and~~

~~obtaining an indication of an programming interface response from said executable programming interface layer function.~~

2.   (Cancelled) ~~The method of Claim 1, further comprising directing said programming interface response to a specific wireless mobile device.~~

3.   (Currently Amended) A computer system comprising:

a processor; and

memory coupled to the processor having a plurality of programming instructions implementing a programming interface layer for a_service provider <u>to facilitate</u> delivery of data services to client devices~~, the programming interface layer including solution delivery functions usable~~ by any of a plurality of vendors ~~to deliver solutions~~ via the service provider, the programming interface layer including

a plurality of <u>generic</u> executable service functions <u>callable by any of the plurality of vendors to facilitate delivery of a plurality of heterogeneous data services</u>;

a parameter processing module for processing function-specific parameters, including device information for a_~~the~~ wireless mobile device, for one of said plurality of <u>generic</u> executable service functions wherein said function-specific parameters are associated with one of said <u>generic</u> executable service functions; and

a response generating module for generating a function-specific response from one of said <u>generic</u> executable service functions, wherein said function-specific response is associated with one of said <u>generic</u> executable service functions and includes said device information.

2

4.   (Original) The computer system of Claim 3, wherein the programming interface layer further comprises a scheduling module for scheduling tasks via said executable service functions.

5.   (Original) The computer system of Claim 3, wherein said programming interface layer defines a plurality of classes including at least a selected one of AnswersResponse, BinaryResource, BooleanResponse, ClientInfo, CodeResponse, Concepts, ConceptsResponse, ConceptValues, ConfigFile, DeckResponse, Device, Devices, Identity, ImageResource, InfoRequest, InfoRequestResponse, InfoResponse, Message, MessageResponse, Resource, ResourceReference, ResourcesResponse, Response, Result, User, and UserDataResponse.

6.   (Original) The computer system of Claim 3, wherein said programming interface layer defines a plurality of methods including at least a selected one of AddMessage, Equals, AddData, GetString, GetEnumerator, CreateUser, DeleteUser, DoesUserExist, GetSignupConcepts, GetSupportedData, GetUserData, LogOn, ModifyUserData, SetIdentity, SetPassword, SetPrimaryUserData, AppendResource, AppendResourceReference, DoFeatureCommand, DoSolutionCommand, GetDeck, GetResources, SubmitConcepts, GetInfo, and GetInfoRequest.

7.   (Currently Amended) A programming interface layer for a service provider to facilitate delivery of data services to ~~wireless mobile~~ client devices, ~~the programming interface layer including solution delivery functions usable~~ by any of a plurality of vendors ~~to deliver solutions~~ via the service provider, the programming interface layer comprising:

        a plurality of generic executable service functions callable by any of the plurality of vendors to facilitate delivery of a plurality of heterogeneous data services;

        a parameter processing module for processing function-specific parameters, including device information for a ~~the~~ wireless mobile device, for one of said plurality of generic executable service functions wherein said function-specific parameters are associated with one of said generic executable service functions; and

3

a response generating module for generating a function-specific response from one of said generic executable service functions, wherein said function-specific response is associated with one of said generic executable service functions and includes said device information.

8.   (Original) The programming interface layer of Claim 7, further comprising a scheduling module for scheduling tasks via said executable service functions.

9.   (Original) The programming interface layer of Claim 7, further defining a plurality of classes including at least a selected one of AnswersResponse, BinaryResource, BooleanResponse, ClientInfo, CodeResponse, Concepts, ConceptsResponse, ConceptValues, ConfigFile, DeckResponse, Device, Devices, Identity, ImageResource, InfoRequest, InfoRequestResponse, InfoResponse, Message, MessageResponse, Resource, ResourceReference, ResourcesResponse, Response, Result, User, and UserDataResponse.

10.   (Original) The programming interface layer of Claim 7, further defining a plurality of methods including at least a selected one of AddMessage, Equals, AddData, GetString, GetEnumerator, CreateUser, DeleteUser, DoesUserExist, GetSignupConcepts, GetSupportedData, GetUserData, LogOn, ModifyUserData, SetIdentity, SetPassword, SetPrimaryUserData, AppendResource, AppendResourceReference, DoFeatureCommand, DoSolutionCommand, GetDeck, GetResources, SubmitConcepts, GetInfo, and GetInfoRequest.

11.   (Currently Amended) A computer readable medium containing computer executable instructions for a programming interface layer for a service provider to facilitate delivery of data services to client devices, the programming interface layer including solution delivery functions usable by any of a plurality of vendors to deliver solutions via the service provider, the programming interface layer includingcomprising:
        a plurality of generic executable service functions callable by any of the plurality of vendors to facilitate delivery of a plurality of heterogeneous data services;
        a parameter processing module for processing function-specific parameters, including device information for a the wireless mobile device, for one of said plurality of generic

4

executable service functions wherein said function-specific parameters are associated with one of said generic executable service functions; and

a response generating module for generating a function-specific response from one of said generic executable service functions, wherein said function-specific response is associated with one of said generic executable service functions and includes said device information.

12.	(Original)	The computer readable medium of Claim 11, wherein the programming interface layer further comprises a scheduling module for scheduling tasks via said executable service functions.

13.	(Original)	The computer readable medium of Claim 11, wherein said programming interface layer defines a plurality of classes including at least a selected one of AnswersResponse, BinaryResource, BooleanResponse, ClientInfo, CodeResponse, Concepts, ConceptsResponse, ConceptValues, ConfigFile, DeckResponse, Device, Devices, Identity, ImageResource, InfoRequest, InfoRequestResponse, InfoResponse, Message, MessageResponse, Resource, ResourceReference, ResourcesResponse, Response, Result, User, and UserDataResponse.

14.	(Original)	The computer readable medium of Claim 11, wherein said programming interface layer defines a plurality of methods including at least a selected one of AddMessage, Equals, AddData, GetString, GetEnumerator, CreateUser, DeleteUser, DoesUserExist, GetSignupConcepts, GetSupportedData, GetUserData, LogOn, ModifyUserData, SetIdentity, SetPassword, SetPrimaryUserData, AppendResource, AppendResourceReference, DoFeatureCommand, DoSolutionCommand, GetDeck, GetResources, SubmitConcepts, GetInfo, and GetInfoRequest.

15.	(New)	In a computing environment, a method comprising:

	receiving a function call from any of a plurality of vendors to facilitate delivery of a plurality of heterogeneous data services, the function call directed to one of a plurality of generic executable service functions of a programming interface layer;

processing, by a parameter processing module of the programming interface layer, one or more function-specific parameters, including device information for a wireless mobile device, for said function call to one of the plurality of generic executable service functions, wherein said function-specific parameters are associated with one of said generic executable service functions; and

generating, by a response generating module of the programming interface layer, a function-specific response from the called generic executable service function, wherein the function-specific response is associated with the called generic service function and includes said device information.

16. (New) The method of claim 15, further comprising directing said function-specific response to a specific wireless mobile device.

17. (New) The method of claim 15, further comprising scheduling, by a scheduling module of the programming interface layer, tasks via said generic executable service functions.

18. (New) The method of claim 15, wherein the heterogeneous data services include one of making airline reservations, ordering flowers, making hotel reservations, making reservations at a restaurant, locating a place on a map, and booking a rental car.

19. (New) The computer system of claim 3, wherein the heterogeneous data services include one of making airline reservations, ordering flowers, making hotel reservations, making reservations at a restaurant, locating a place on a map, and booking a rental car.

20. (New) The programming interface layer of claim 7, wherein the heterogeneous data services include one of making airline reservations, ordering flowers, making hotel reservations, making reservations at a restaurant, locating a place on a map, and booking a rental car.

21. (New) The computer readable medium of claim 11, wherein the heterogeneous data services include one of making airline reservations, ordering flowers, making hotel reservations, making reservations at a restaurant, locating a place on a map, and booking a rental car.